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**IN THE CLAIMS:** 

Kindly amend claim 11 as follows. A detailed listing of all claims is as follows.

Claim 1 (Previously Presented): An image reading device that irradiates an object with a

light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from

the light source; and

a controller that selectively switches an emission mode of the light source, wherein the

emission mode includes a first mode for reading that uses the visible light and a second mode for

reading that uses the invisible light, wherein the invisible light is an infrared light, and the light

source emits at least a light including the infrared light in the second mode.

Claim 2 (Canceled).

Claim 3 (Previously Presented): The image reading device according to Claim 1,

wherein the infrared light has at least one emission peak, and the emission peak is within 800 nm

to 1000 nm.

Claim 4 (Previously Presented): An image reading device that irradiates an object with a

light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from

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the light source; and

a controller that selectively switches an emission mode of the light source, wherein the emission mode includes a first mode for reading that uses the visible light and a second mode for reading that uses the invisible light, wherein the light source is a fluorescent lamp, and the emission mode is switched by changing an internal discharge state of the fluorescent lamp.

Claim 5 (Previously Presented): An image reading device that irradiates an object with a light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from the light source; and

a controller that selectively switches an emission mode of the light source, wherein the emission mode includes a first mode for reading that uses the visible light and a second mode for reading that uses the invisible light, wherein the light source is a rare gas fluorescent lamp.

Claim 6 (Original): The image reading device according to Claim 5, wherein a xenon gas is sealed up in the rare gas fluorescent lamp.

Claim 7 (Previously Presented): An image reading device that irradiates an object with a light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from the light source; and

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a controller that selectively switches an emission mode of the light source, wherein the

emission mode includes a first mode for reading that uses the visible light and a second mode for

reading that uses the invisible light, wherein the light source is a fluorescent lamp, and the

fluorescent lamp comprises a sealed container inside which a phosphor brought into emission by

a discharge is disposed, a pair of internal electrodes disposed inside the sealed container, and a

pair of external electrodes disposed outside thereof.

Claim 8 (Original): The image reading device according to Claim 7, wherein the first

mode generates a discharge between the external electrodes, and the second mode generates a

discharge between the internal electrodes.

Claim 9 (Previously Presented): An image reading device that irradiates an object with a

light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from

the light source; and

a controller that selectively switches an emission mode of the light source, wherein the

emission mode includes a first mode for reading that uses the visible light and a second mode for

reading that uses the invisible light, wherein the emission mode is switched by adjusting a

current applied to the light source.

Claim 10 (Previously Presented): An image reading device that irradiates an object with

a light and reads a reflected light, comprising:

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a single light source capable of irradiating a visible light and an invisible light;

a reading unit that reads the reflected light from the object irradiated with the light from the light source;

a controller that selectively switches an emission mode of the light source, wherein the emission mode includes a first mode for reading that uses the visible light and a second mode for reading that uses the invisible light;

an infrared cutoff filter;

a visible light cutoff filter; and

a filter switching part that selectively locates either the infrared cutoff filter or the visible light cutoff filter between the object and the reading unit, wherein the filter switching part locates the infrared cutoff filter between the object and the reading unit in the first mode, and locates the visible light cutoff filter between the object and the reading unit in the second mode.

Claim 11 (Currently Amended): The image reading device according to Claim 1, further comprising a processing unit that processes a read result of the reading unit, wherein

the reading unit outputs a first read result in the first mode, and outputs a second read result in the second mode, and

the processing unit calculates the first read result and the second read result in accordance with a predetermined calculation format, and thereby generates a first corrected read result relating to the visible light and a second corrected read result relating to the visible invisible light.

Claim 12 (Original): The image reading device according to Claim 1, further comprising

a carriage that carries the reading unit in a first direction and a second direction in reverse to each other, wherein the light source emits in the first mode when the reading unit moves in the first direction, and the light source emits in the second mode when the reading unit moves in the

Claim 13 (Previously Presented): An image reading method that irradiates an object with a light and reads a reflected light, comprising the steps of:

switching an emission mode of a single light source capable of irradiating a visible light and an invisible light in accordance with a reading mode selected from a visible image reading mode and an invisible image reading mode, and

reading the reflected light from the object irradiated with the light from the light source while bringing the light source into emission in accordance with the emission mode switched, wherein the invisible light is an infrared light, and the light source emits at least a light including the infrared light in the second mode.

Claim 14 (Original): An image reading device that irradiates an object with a light and reads a reflected light, comprising:

a single light source capable of irradiating a visible light and an invisible light, being a fluorescent lamp that comprises a sealed container inside which a phosphor brought into emission by a discharge is disposed, a pair of internal electrodes disposed inside the sealed container, and a pair of external electrodes disposed outside thereof,

a reading unit that reads the reflected light from the object irradiated with the light from the light source, and

second direction.

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a feeder circuit that supplies the fluorescent lamp with power so as to generate a discharge between the external electrodes synchronously with a discharge between the internal electrodes.

Claim 15 (Canceled).

Claim 16 (Previously Presented): The light source according to Claim 18, wherein a discharge between the internal electrodes is different from discharge between the external electrodes in an emission mode.

Claim 17 (Previously Presented): The light source according to Claim 18, wherein a discharge between the internal electrodes is different from a discharge between the external electrodes in a wavelength distribution of lights.

Claim 18 (Previously Presented): A light source comprising a sealed container, a pair of internal electrodes disposed inside the sealed container, and a pair of external electrodes disposed outside the sealed container,

wherein an infrared light is generated more in a discharge between the internal electrodes than in a discharge between the external electrodes.